

**From:** STIC-Biotech/ChemLib  
**Sent:** Tuesday, September 24, 2002 1:58 PM  
**To:** Wesner-Early, Caryn (ASRC)  
**Subject:** FW: 10/087,882

61054, 283

-----Original Message-----

**Fr m:** STIC-ILL  
**Sent:** Tuesday, September 24, 2002 1:55 PM  
**T :** STIC-Biotech/ChemLib  
**Subject:** RE: 10/087,882

-----Original Message-----

**Fr m:** Salimi, Ali  
**Sent:** Tuesday, September 24, 2002 1:53 PM  
**T :** STIC-ILL  
**Subject:** 10/087,882

Can you please provide me with information on whether or not the reissue application no. **10/087,882 filed on 03/01/2002** is involved in any litigation or not. Thanks!

Ali Salimi  
AU 1648  
Room 9D07  
Mailbox 8E12

Questel-Orbit search

Query/Command : PRT SS 1 MAX 1-5

1 / 3 LGST (1 / 1) - ©LEGSTAT

Patent Number :

US 6054283 [US6054283]

Application Details :

US 774118/96 19961223 [1996US-0774118]

Document Type :

US-P

Action Taken :

19961223 US/AE-A

APPLICATION DATA (PATENT)

US 774118/96 19961223 [1996US-0774118]

20000425 US/A

PATENT

20020827 US/RF

REISSUE APPLICATION FILED

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Update Code :

2002-38

2 / 3 CRXX (1 / 1) - ©CLAIMS/RRX

Accession Number :

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Patent Number :

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Patent Assignee :

U S of America Health & Human Services

Patent Type :

C (Chemical)

Actions :

20020301 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20020827

REISSUE REQUEST NUMBER: 10/087882

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2002-08-27

3 / 3 PAST (1 / 1) - ©Thomson Derwent

Accession Number :

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Official Gazette Date :

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REA

Actions :

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Subject Heading :

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The number(s) outside the proposed list is (are) not taken into account.

1/39/1

DIALOG(R)File 345:Inpadoc/Fam.&amp; Legal Stat

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8316125

Basic Patent (No,Kind,Date): IL 83421 A0 19880131

## Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
AT 86308	E	19930315	EP 87905357	A	19870729
AT 87038	E	19930415	EP 87905817	A	19870729
AT 98379	E	19931215	EP 87905501	A	19870729
AU 8778523	A1	19880308	AU 8778523	A	19870729
AU 8778534	A1	19880224	AU 8778534	A	19870729
AU 8778773	A1	19880308	AU 8778773	A	19870729
AU 612329	B2	19910711	AU 8778523	A	19870729
AU 612330	B2	19910711	AU 8778534	A	19870729
AU 615882	B2	19911017	AU 8778773	A	19870729
CA 1308651	A1	19921013	CA 544217	A	19870811
CA 1322342	A1	19930921	CA 544216	A	19870811
CA 1340403	A1	19990223	CA 543652	A	19870804
DE 3784513	C0	19930408	EP 87905357	A	19870729
DE 3784939	C0	19930422	EP 87905817	A	19870729
DE 3788424	C0	19940120	EP 87905501	A	19870729
DE 3784513	T2	19930916	EP 87905357	A	19870729
DE 3784939	T2	19930708	EP 87905817	A	19870729
DE 3788424	T2	19940428	EP 87905501	A	19870729
EP 318498	A1	19890607	EP 87905357	A	19870729
EP 319542	A1	19890614	EP 87905501	A	19870729
EP 321489	A1	19890628	EP 87905817	A	19870729
EP 319542	A4	19901128	EP 87905501	A	19870729
EP 321489	A4	19910313	EP 87905817	A	19870729
EP 318498	B1	19930303	EP 87905357	A	19870729
EP 319542	B1	19931208	EP 87905501	A	19870729
EP 321489	B1	19930317	EP 87905817	A	19870729
IL 83421	A0	19880131	IL 83421	A	19870803
IL 83422	A0	19880131	IL 83422	A	19870803
IL 83423	A0	19880131	IL 83423	A	19870803
IL 83421	A1	19920115	IL 83421	A	19870803
IL 83422	A1	19920715	IL 83422	A	19870803
JP 2555117	B2	19961120	JP 87505064	A	19870729
JP 2555118	B2	19961120	JP 87505431	A	19870729
JP 2559783	B2	19961204	JP 87504948	A	19870729
JP 2500242	T2	19900201	JP 87505064	A	19870729
JP 2500324	T2	19900208	JP 87504948	A	19870729
JP 2500326	T2	19900208	JP 87505431	A	19870729
US 5604093	A	19970218	US 392674	A	19950222
US 6018027	A	20000125	US 854	A	19971230
US 6054283	A	20000425	US 774118	A	19961223
WO 8800980	A1	19880211	WO 87US1815	A	19870729
WO 8801305	A1	19880225	WO 87US1817	A	19870729
WO 8801387	A1	19880225	WO 87US1816	A	19870729

(BASIC)

## Priority Data (No,Kind,Date):

EP 87905357 A 19870729  
 US 892423 A 19860804  
 US 901602 A 19860829  
 WO 87US1815 A 19870729  
 EP 87905817 A 19870729  
 US 895857 A 19860812  
 WO 87US1817 A 19870729  
 EP 87905501 A 19870729  
 US 895463 A 19860811  
 WO 87US1816 A 19870729

WO 87US1815 W 19870729  
 WO 87US1817 W 19870729  
 WO 87US1816 W 19870729  
 US 392674 A 19950222  
 US 754220 B1 19910827  
 US 255712 B1 19881011  
 US 228550 B2 19880804  
 US 901602 B2 19860829  
 US 892423 B2 19860804  
 US 895857 B2 19860812  
 US 895463 B2 19860811  
 US 854 A 19971230  
 US 774118 A3 19961223  
 US 392674 A3 19950222  
 US 774118 A 19961223

## PATENT FAMILY:

## AUSTRIA (AT)

Patent (No,Kind,Date): AT 86308 E 19930315

MENSCHLICHER B-LYMPHOTROPER VIRUS (HBLV), ISOLIERUNG UND ERZEUGNISSE.  
 (German)

Patent Assignee: US SECRETARY UNITED STATES DEP (US)

Author (Inventor): SALAHUDDIN SYED ZAKI; GALLO ROBERT C

Priority (No,Kind,Date): EP 87905357 A 19870729; US 892423 A  
 19860804; US 901602 A 19860829; WO 87US1815 A 19870729

Applic (No,Kind,Date): EP 87905357 A 19870729

Addnl Info: 00318498 19930303

IPC: \* C12Q-001/70; C12N-007/02

CA Abstract No: \* 109(07)051633K

Derwent WPI Acc No: \* C 88-049984

Language of Document: English

Patent (No,Kind,Date): AT 87038 E 19930415

MOLEKULARE KLONIERUNG UND HUMAN B LYMPHOTROPISCHER VIRUS KLON (HBLV).  
 (German)

Patent Assignee: US COMMERCE (US)

Author (Inventor): JOSEPHS STEVEN FRANCIS; GALLO ROBERT C; WONG-STAAAL  
 FLOSSIE YEECHING; SALAHUDDIN SYED ZAKI

Priority (No,Kind,Date): EP 87905817 A 19870729; US 895857 A  
 19860812; WO 87US1817 A 19870729

Applic (No,Kind,Date): EP 87905817 A 19870729

Addnl Info: 00321489 19930317

IPC: \* C12Q-001/70; C12Q-001/68; C12N-007/00

CA Abstract No: \* 109(07)049606K

Derwent WPI Acc No: \* C 88-064020

Language of Document: English

Patent (No,Kind,Date): AT 98379 E 19931215

TESTVERFAHREN DES MENSCHLICHEN B-LYMPHOTROPEN VIRUS (HBLV). (German)

Patent Assignee: US SECRETARY UNITED STATES DEP (US)

Author (Inventor): GALLO ROBERT C; SALAHUDDIN SYED ZAKI; SAXINGER CARL W;  
 ABLASHI DHARAM V

Priority (No,Kind,Date): EP 87905501 A 19870729; US 895463 A  
 19860811; WO 87US1816 A 19870729

Applic (No,Kind,Date): EP 87905501 A 19870729

Addnl Info: 00319542 19931208

IPC: \* G01N-033/569; C12Q-001/70

CA Abstract No: \* 110(01)006085T

Derwent WPI Acc No: \* C 88-064087

Language of Document: English

## AUSTRIA (AT)

Legal Status (No,Type,Date,Code,Text):

AT 86308 R 19930315 AT REF CORRESPONDS TO EP-PATENT  
 (ENTSPRICHT EP-PATENT)

EP 318498 P 19930303

AT 86308 R 19940315 AT UEP PUBLICATION OF TRANSLATION OF  
 EUROPEAN PATENT SPECIFICATION (UEBERSETZUNG DER  
 EUROPÄISCHEN PATENTSCHRIFT AUSGEGEBEN)

AT 87038 R 19930415 AT REF CORRESPONDS TO EP-PATENT  
(ENTSPRICHT EP-PATENT)  
EP 321489 P 19930317

AT 87038 R 19931115 AT UEP PUBLICATION OF TRANSLATION OF  
EUROPEAN PATENT SPECIFICATION (UEBERSETZUNG DER  
EUROPAEISCHEN PATENTSCHRIFT AUSGEGEBEN)

AT 98379 R 19931215 AT REF CORRESPONDS TO EP-PATENT  
(ENTSPRICHT EP-PATENT)  
EP 319542 P 19931208

AT 98379 R 19940915 AT UEP PUBLICATION OF TRANSLATION OF  
EUROPEAN PATENT SPECIFICATION (UEBERSETZUNG DER  
EUROPAEISCHEN PATENTSCHRIFT AUSGEGEBEN)

## AUSTRALIA (AU)

Patent (No,Kind,Date): AU 8778523 A1 19880308  
TESTING FOR THE HUMAN B LYMPHOTROPIC VIRUS (HBLV) (English)  
Patent Assignee: US COMMERCE  
Author (Inventor): GALLO ROBERT C; SALAHUDDIN SYED ZAKI; SAXINGER CARL W;  
ABLASHI DHARAM V  
Priority (No,Kind,Date): WO 87US1816 A 19870729; US 895463 A  
19860811  
Applic (No,Kind,Date): AU 8778523 A 19870729  
IPC: \* G01N-033/569; C12Q-001/70  
Derwent WPI Acc No: \* C 88-064087  
Language of Document: English

Patent (No,Kind,Date): AU 8778534 A1 19880224  
HUMAN B LYMPHOTROPIC VIRUS (HBLV) ISOLATION AND PRODUCTS (English)  
Patent Assignee: US COMMERCE  
Author (Inventor): SALAHUDDIN SYED ZAKI; GALLO ROBERT C  
Priority (No,Kind,Date): WO 87US1815 A 19870729; US 892423 A  
19860804; US 901602 A 19860829  
Applic (No,Kind,Date): AU 8778534 A 19870729  
IPC: \* C12Q-001/70; C12N-007/02  
Derwent WPI Acc No: \* C 88-049984  
Language of Document: English

Patent (No,Kind,Date): AU 8778773 A1 19880308  
MOLECULAR CLONING AND CLONES OF HUMAN B LYMPHOTROPIC VIRUS (HBLV)  
(English)  
Patent Assignee: US COMMERCE  
Author (Inventor): JOSEPHS STEVEN FRANCIS; GALLO ROBERT C; WONG-STAAAL  
FLOSSIE YEECHING; SALAHUDDIN SYED ZAKI  
Priority (No,Kind,Date): WO 87US1817 A 19870729; US 895857 A  
19860812  
Applic (No,Kind,Date): AU 8778773 A 19870729  
IPC: \* C12Q-001/70; C12Q-001/68; C12N-007/00  
CA Abstract No: \* 109(07)049606K  
Derwent WPI Acc No: \* C 88-064020  
Language of Document: English

Patent (No,Kind,Date): AU 612329 B2 19910711  
TESTING FOR THE HUMAN B LYMPHOTROPIC VIRUS (HBLV) (English)  
Patent Assignee: US SECRETARY  
Author (Inventor): GALLO ROBERT C; SALAHUDDIN SYED ZAKI; SAXINGER CARL W;  
ABLASHI DHARAM V  
Priority (No,Kind,Date): WO 87US1816 A 19870729; US 895463 A  
19860811  
Applic (No,Kind,Date): AU 8778523 A 19870729  
IPC: \* G01N-033/569; C12Q-001/70; C12N-005/00  
CA Abstract No: \* 110(01)006085T  
Derwent WPI Acc No: \* C 88-064087  
Language of Document: English

Patent (No,Kind,Date): AU 612330 B2 19910711  
HUMAN B LYMPHOTROPIC VIRUS (HBLV) ISOLATION AND PRODUCTS (English)  
Patent Assignee: US SECRETARY  
Author (Inventor): SALAHUDDIN SYED ZAKI; GALLO ROBERT C  
Priority (No,Kind,Date): WO 87US1815 A 19870729; US 892423 A  
19860804; US 901602 A 19860829

Applic (No,Kind,Date): AU 8778534 A 19870729  
IPC: \* C12Q-001/70; C12N-007/02; C12N-015/38; C12N-015/00; G01N-033/577;  
C12Q-001/68; C12N-007/01  
CA Abstract No: \* 109(07)051633K  
Derwent WPI Acc No: \* C 88-049984  
Language of Document: English  
Patent (No,Kind,Date): AU 615882 B2 19911017  
MOLECULAR CLONING AND CLONES OF HUMAN B LYMPHOTROPIC VIRUS (HBLV)  
(English)  
Patent Assignee: US SECRETARY  
Author (Inventor): JOSEPHS STEVEN FRANCIS; GALLO ROBERT C; WONG-STAAAL  
FLOSSIE YEECHING; SALAHUDDIN SYED ZAKI  
Priority (No,Kind,Date): WO 87US1817 A 19870729; US 895857 A  
19860812  
Applic (No,Kind,Date): AU 8778773 A 19870729  
IPC: \* C12Q-001/70; C12Q-001/68; C12N-007/00; C12N-015/38; C12N-015/00;  
C12N-007/01  
CA Abstract No: \* 109(07)049606K  
Derwent WPI Acc No: \* C 88-064020  
Language of Document: English

## CANADA (CA)

Patent (No,Kind,Date): CA 1308651 A1 19921013  
TESTING FOR THE HUMAN B LYMPHOTROPIC VIRUS (HBLV) (English; French)  
Patent Assignee: GALLO ROBERT C (US)  
Author (Inventor): GALLO ROBERT C (US); SALAHUDDIN SYED Z (US);  
SAXINGER W CARL (US); ABLASHI DHARAM V (US)  
Priority (No,Kind,Date): US 895463 A 19860811  
Applic (No,Kind,Date): CA 544217 A 19870811  
National Class: \* D11670037 M  
IPC: \* G01N-033/569; C12Q-001/70  
CA Abstract No: \* 110(01)006085T  
Derwent WPI Acc No: \* C 88-064087  
Language of Document: English  
Patent (No,Kind,Date): CA 1322342 A1 19930921  
MOLECULAR CLONING AND CLONES OF HUMAN B LYMPHOTROPIC VIRUS (HBLV) (English  
; French)  
Patent Assignee: JOSEPHS STEVEN F (US)  
Author (Inventor): JOSEPHS STEVEN F (US); GALLO ROBERT C (US);  
WONG-STAAAL FLOSSIE Y (US); SALAHUDDIN SYED Z (US)  
Priority (No,Kind,Date): US 895857 A 19860812  
Applic (No,Kind,Date): CA 544216 A 19870811  
National Class: \* D3195000122 M; 1950033 S  
IPC: \* C12N-015/86; C12N-007/01  
CA Abstract No: \* 109(07)049606K  
Derwent WPI Acc No: \* C 88-064020  
Language of Document: English  
Patent (No,Kind,Date): CA 1340403 A1 19990223  
HUMAN B LYMPHOTROPIC VIRUS (HBLV) ISOLATION AND PRODUCTS (English; French)  
Patent Assignee: US COMMERCE (US)  
Author (Inventor): SALAHUDDIN SYED ZAKI (US); GALLO ROBERT C (US)  
Priority (No,Kind,Date): US 892423 A 19860804; US 901602 A 19860829  
Applic (No,Kind,Date): CA 543652 A 19870804  
IPC: \* C12N-015/38; C12N-007/02; C12Q-001/70; C12Q-001/68; C07K-014/03;  
C07K-016/08; G01N-033/569; A61K-039/245  
CA Abstract No: \* 109(07)051633K  
Derwent WPI Acc No: \* C 88-049984; C 97-144859  
Language of Document: English; French

## GERMANY (DE)

Patent (No,Kind,Date): DE 3784513 C0 19930408  
MENSCHLICHER B-LYMPHOTROPER VIRUS (HBLV), ISOLIERUNG UND ERZEUGNISSE.  
(German)  
Patent Assignee: US GOVERNMENT (US)  
Author (Inventor): SALAHUDDIN SYED ZAKI (US); GALLO ROBERT C (US)  
Priority (No,Kind,Date): WO 87US1815 W 19870729; US 892423 A  
19860804; US 901602 A 19860829

Applic (No,Kind,Date): EP 87905357 A 19870729  
IPC: \* C12Q-001/70; C12N-007/02  
CA Abstract No: \* 109(07)051633K  
Derwent WPI Acc No: \* C 88-049984  
Language of Document: German  
Patent (No,Kind,Date): DE 3784939 C0 19930422  
MOLEKULARE KLONIERUNG UND HUMAN B LYMPHOTROPISCHER VIRUS KLON (HBLV).  
(German)  
Patent Assignee: US GOVERNMENT (US)  
Author (Inventor): JOSEPHS FRANCIS (US); GALLO C (US); WONG-STAAAL  
YEECHING (US); SALAHUDDIN ZAKI (US)  
Priority (No,Kind,Date): WO 87US1817 W 19870729; US 895857 A  
19860812  
Applic (No,Kind,Date): EP 87905817 A 19870729  
IPC: \* C12Q-001/70; C12Q-001/68; C12N-007/00  
CA Abstract No: \* 109(07)049606K  
Derwent WPI Acc No: \* C 88-064020  
Language of Document: German  
Patent (No,Kind,Date): DE 3788424 C0 19940120  
TESTVERFAHREN DES MENSCHLICHEN B-LYMPHOTROPEN VIRUS (HBLV). (German)  
Patent Assignee: US GOVERNMENT (US)  
Author (Inventor): GALLO ROBERT (US); SALAHUDDIN SYED (US); SAXINGER  
CARL (US); ABLASHI DHARAM (US)  
Priority (No,Kind,Date): WO 87US1816 W 19870729; US 895463 A  
19860811  
Applic (No,Kind,Date): EP 87905501 A 19870729  
IPC: \* G01N-033/569; C12Q-001/70  
CA Abstract No: \* 110(01)006085T  
Derwent WPI Acc No: \* C 88-064087  
Language of Document: German  
Patent (No,Kind,Date): DE 3784513 T2 19930916  
MENSCHLICHER B-LYMPHOTROPER VIRUS (HBLV), ISOLIERUNG UND ERZEUGNISSE.  
(German)  
Patent Assignee: US GOVERNMENT (US)  
Author (Inventor): SALAHUDDIN SYED ZAKI (US); GALLO ROBERT C (US)  
Priority (No,Kind,Date): WO 87US1815 W 19870729; US 892423 A  
19860804; US 901602 A 19860829  
Applic (No,Kind,Date): EP 87905357 A 19870729  
IPC: \* C12Q-001/70; C12N-007/02  
CA Abstract No: \* 109(07)051633K  
Derwent WPI Acc No: \* C 88-049984  
Language of Document: German  
Patent (No,Kind,Date): DE 3784939 T2 19930708  
MOLEKULARE KLONIERUNG UND HUMAN B LYMPHOTROPISCHER VIRUS KLON (HBLV).  
(German)  
Patent Assignee: US GOVERNMENT (US)  
Author (Inventor): JOSEPHS FRANCIS (US); GALLO C (US); WONG-STAAAL  
YEECHING (US); SALAHUDDIN ZAKI (US)  
Priority (No,Kind,Date): WO 87US1817 W 19870729; US 895857 A  
19860812  
Applic (No,Kind,Date): EP 87905817 A 19870729  
IPC: \* C12Q-001/70; C12Q-001/68; C12N-007/00  
CA Abstract No: \* 109(07)049606K  
Derwent WPI Acc No: \* C 88-064020  
Language of Document: German  
Patent (No,Kind,Date): DE 3788424 T2 19940428  
TESTVERFAHREN DES MENSCHLICHEN B-LYMPHOTROPEN VIRUS (HBLV). (German)  
Patent Assignee: US GOVERNMENT (US)  
Author (Inventor): GALLO ROBERT (US); SALAHUDDIN SYED (US); SAXINGER  
CARL (US); ABLASHI DHARAM (US)  
Priority (No,Kind,Date): WO 87US1816 W 19870729; US 895463 A  
19860811  
Applic (No,Kind,Date): EP 87905501 A 19870729  
IPC: \* G01N-033/569; C12Q-001/70  
CA Abstract No: \* 110(01)006085T



Derwent WPI Acc No: \* C 88-064087

Language of Document: German

GERMANY (DE)

Legal Status (No,Type,Date,Code,Text):

DE 3784513	P	19930408	DE REF	CORRESPONDS TO (ENTSPRICHT)
			EP 318498 P	19930408
DE 3784513	P	19930916	DE 8373	TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)
DE 3784513	P	19940331	DE 8364	NO OPPOSITION DURING TERM OF OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE DASS EINSPRUCH ERHOBEN WURDE)
DE 3784939	P	19930422	DE REF	CORRESPONDS TO (ENTSPRICHT)
			EP 321489 P	19930422
DE 3784939	P	19930708	DE 8373	TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT RECEIVED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROP ISCHEN PATENTES EINGEGANGEN)
DE 3784939	P	19940414	DE 8364	NO OPPOSITION DURING TERM OF OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE DASS EINSPRUCH ERHOBEN WURDE)
DE 3788424	P	19940120	DE REF	CORRESPONDS TO (ENTSPRICHT)
			EP 319542 P	19940120
DE 3788424	P	19940428	DE 8373	TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)
DE 3788424	P	19950112	DE 8364	NO OPPOSITION DURING TERM OF OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE DASS EINSPRUCH ERHOBEN WURDE)

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 318498 A1 19890607

HUMAN B LYMPHOTROPIC VIRUS (HBLV) ISOLATION AND PRODUCTS (English; French;  
German)

Patent Assignee: US SECRETARY U S DEPARTMENT OF (US)

Author (Inventor): SALAHUDDIN SYED ZAKI; GALLO ROBERT C

Priority (No,Kind,Date): US 892423 A 19860804; US 901602 A 19860829  
; WO 87US1815 W 19870729

Applic (No,Kind,Date): EP 87905357 A 19870729

Designated States: (National) AT; BE; CH; DE; FR; GB; IT; LI; LU; NL; SE

IPC: \* C12Q-001/70; C12N-007/02

Language of Document: English

Patent (No,Kind,Date): EP 319542 A1 19890614

TESTING FOR THE HUMAN B LYMPHOTROPIC VIRUS (HBLV) (English; French;  
German)

Patent Assignee: US SECRETARY U S DEPARTMENT OF (US)

Author (Inventor): GALLO ROBERT C; SALAHUDDIN SYED ZAKI; SAXINGER CARL W;  
ABLASHI DHARAM V

Priority (No,Kind,Date): US 895463 A 19860811; WO 87US1816 W  
19870729

Applic (No,Kind,Date): EP 87905501 A 19870729

Designated States: (National) AT; BE; CH; DE; FR; GB; IT; LI; LU; NL; SE

IPC: \* G01N-033/569; C12Q-001/70

Language of Document: English

Patent (No,Kind,Date): EP 321489 A1 19890628

MOLECULAR CLONING AND CLONES OF HUMAN B LYMPHOTROPIC VIRUS (HBLV) (English  
; French; German)

Patent Assignee: US SECRETARY U S DEPARTMENT OF (US)

Author (Inventor): JOSEPHS STEVEN FRANCIS; GALLO ROBERT C; WONG-STAAAL  
FLOSSIE YEECHING; SALAHUDDIN SYED ZAKI

Priority (No,Kind,Date): US 895857 A 19860812; WO 87US1817 W  
19870729

Applic (No,Kind,Date): EP 87905817 A 19870729  
Designated States: (National) AT; BE; CH; DE; FR; GB; IT; LI; LU; NL; SE  
IPC: \* C12Q-001/70; C12Q-001/68; C12N-007/00  
Language of Document: English  
Patent (No,Kind,Date): EP 319542 A4 19901128  
TESTING FOR THE HUMAN B LYMPHOTROPIC VIRUS (HBLV) (English; French;  
German)  
Patent Assignee: US COMMERCE (US)  
Author (Inventor): GALLO ROBERT C; SALAHUDDIN SYED ZAKI; SAXINGER CARL W;  
ABLASHI DHARAM V  
Priority (No,Kind,Date): US 895463 A 19860811; WO 87US1816 W  
19870729  
Applic (No,Kind,Date): EP 87905501 A 19870729  
Designated States: (National) AT; BE; CH; DE; FR; GB; IT; LI; LU; NL; SE  
IPC: \* G01N-033/569; C12Q-001/70  
CA Abstract No: \* 110(01)006085T  
Derwent WPI Acc No: \* C 88-064087  
Language of Document: English  
Patent (No,Kind,Date): EP 321489 A4 19910313  
MOLECULAR CLONING AND CLONES OF HUMAN B LYMPHOTROPIC VIRUS (HBLV) (English  
; French; German)  
Patent Assignee: US SECRETARY U S DEPARTMENT OF (US)  
Author (Inventor): JOSEPHS STEVEN FRANCIS; GALLO ROBERT C; WONG-STAAAL  
FLOSSIE YEECHING; SALAHUDDIN SYED ZAKI  
Priority (No,Kind,Date): US 895857 A 19860812; WO 87US1817 W  
19870729  
Applic (No,Kind,Date): EP 87905817 A 19870729  
Designated States: (National) AT; BE; CH; DE; FR; GB; IT; LI; LU; NL; SE  
IPC: \* C12Q-001/70; C12Q-001/68; C12N-007/00  
CA Abstract No: \* 109(07)049606K  
Derwent WPI Acc No: \* C 88-064020  
Language of Document: English  
Patent (No,Kind,Date): EP 318498 B1 19930303  
HUMAN B LYMPHOTROPIC VIRUS (HBLV) ISOLATION AND PRODUCTS (English; French;  
German)  
Patent Assignee: US SECRETARY UNITED STATES DEP (US)  
Author (Inventor): SALAHUDDIN SYED ZAKI (US); GALLO ROBERT C (US)  
Priority (No,Kind,Date): WO 87US1815 W 19870729; US 892423 A  
19860804; US 901602 A 19860829  
Applic (No,Kind,Date): EP 87905357 A 19870729  
Designated States: (National) AT; BE; CH; DE; FR; GB; IT; LI; LU; NL; SE  
IPC: \* C12Q-001/70; C12N-007/02  
CA Abstract No: \* 109(07)051633K  
Derwent WPI Acc No: \* C 88-049984  
Language of Document: English  
Patent (No,Kind,Date): EP 319542 B1 19931208  
TESTING FOR THE HUMAN B LYMPHOTROPIC VIRUS (HBLV) (English; French;  
German)  
Patent Assignee: US SECRETARY UNITED STATES DEP (US)  
Author (Inventor): GALLO ROBERT C (US); SALAHUDDIN SYED ZAKI (US);  
SAXINGER CARL W (US); ABLASHI DHARAM V (US)  
Priority (No,Kind,Date): WO 87US1816 W 19870729; US 895463 A  
19860811  
Applic (No,Kind,Date): EP 87905501 A 19870729  
Designated States: (National) AT; BE; CH; DE; FR; GB; IT; LI; LU; NL; SE  
IPC: \* G01N-033/569; C12Q-001/70  
CA Abstract No: \* 110(01)006085T  
Derwent WPI Acc No: \* C 88-064087  
Language of Document: English  
Patent (No,Kind,Date): EP 321489 B1 19930317  
MOLECULAR CLONING AND CLONES OF HUMAN B LYMPHOTROPIC VIRUS (HBLV) (English  
; French; German)  
Patent Assignee: US SECRETARY UNITED STATES DEP (US)  
Author (Inventor): JOSEPHS STEVEN FRANCIS (US); GALLO ROBERT C (US);  
WONG-STAAAL FLOSSIE YEECHING (US); SALAHUDDIN SYED ZAKI (US)

Priority (No,Kind,Date): WO 87US1817 W 19870729; US 895857 A  
 19860812  
 Applic (No,Kind,Date): EP 87905817 A 19870729  
 Designated States: (National) AT; BE; CH; DE; FR; GB; IT; LI; LU; NL; SE  
 IPC: \* C12Q-001/70; C12Q-001/68; C12N-007/00  
 CA Abstract No: \* 109(07)049606K  
 Derwent WPI Acc No: \* C 88-064020  
 Language of Document: English  
 EUROPEAN PATENT OFFICE (EP)  
 Legal Status (No,Type,Date,Code,Text):  
 EP 318498 P 19860804 EP AA PRIORITY (PATENT APPLICATION)  
 (PRIORITAET (PATENTANMELDUNG))  
 US 892423 A 19860804  
 EP 318498 P 19860829 EP AA PRIORITY (PATENT APPLICATION)  
 (PRIORITAET (PATENTANMELDUNG))  
 US 901602 A 19860829  
 EP 318498 P 19870729 EP AA PCT-APPLICATION  
 (PCT-ANMELDUNG)  
 WO 87US1815 W 19870729  
 EP 318498 P 19870729 EP AE EP-APPLICATION (EUROPAEISCHE  
 ANMELDUNG)  
 EP 87905357 A 19870729  
 EP 318498 P 19890607 EP AK DESIGNATED CONTRACTING STATES  
 IN AN APPLICATION WITH SEARCH REPORT (IN EINER  
 ANMELDUNG BENANNTE VERTRAGSSTAATEN)  
 AT BE CH DE FR GB IT LI LU NL SE  
 EP 318498 P 19890607 EP A1 PUBLICATION OF APPLICATION WITH  
 SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG  
 MIT RECHERCHENBERICHT)  
 EP 318498 P 19890607 EP 17P REQUEST FOR EXAMINATION FILED  
 (PRUEFUNGSANTRAG GESTELLT)  
 890126  
 EP 318498 P 19900418 EP A4 SUPPLEMENTARY SEARCH REPORT  
 (ERGAENZENDER RECHERCHENBERICHT)  
 900226  
 EP 318498 P 19920527 EP 17Q FIRST EXAMINATION REPORT  
 (ERSTER PRUEFUNGSBESCHEID)  
 920415  
 EP 318498 P 19930303 EP AK DESIGNATED CONTRACTING STATES  
 MENTIONED IN A PATENT SPECIFICATION (IN EINER  
 PATENTCHRIFT ANGEFUEHRTE BENANNTE  
 VERTRAGSSTAATEN)  
 AT BE CH DE FR GB IT LI LU NL SE  
 EP 318498 P 19930303 EP B1 PATENT SPECIFICATION  
 (PATENTCHRIFT)  
 EP 318498 P 19930303 EP REF IN AUSTRIA REGISTERED AS: (IN  
 AT EINGETRAGEN ALS:)  
 AT 86308 R 19930315  
 EP 318498 P 19930310 EP ITF IT: TRANSLATION FOR A EP PATENT  
 FILED (IT: DEPOSITO TRADUZIONE DI BREVETTO  
 EUROPEO)  
 BARZANO' E ZANARDO MILANO S.P.A.  
 EP 318498 P 19930408 EP REF CORRESPONDS TO: (ENTSPRICHT)  
 DE 3784513 P 19930408  
 EP 318498 P 19930528 EP ET FR: TRANSLATION FILED (FR:  
 TRADUCTION A ETE REMISE)  
 EP 318498 P 19940223 EP 26N NO OPPOSITION FILED (KEIN  
 EINSPRUCH EINGELEGT)  
 EP 318498 P 19940729 EP EPTA LU: LAST PAID ANNUAL FEE (LU:  
 DERNIER PAYEMENT D'UNE TAXE ANNUELE)  
 EP 318498 P 19950131 EP EAL SE: EUROPEAN PATENT IN FORCE IN  
 SWEDEN (SE: EUROPEISKT PATENT GAELLANDE I  
 SVERIGE)  
 87905357.7  
 EP 318498 P 20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS OF

2002-01-01

EP 319542	P	19860811	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		US 895463	A	19860811
EP 319542	P	19870729	EP AA	PCT-APPLICATION (PCT-ANMELDUNG)
		WO 87US1816	W	19870729
EP 319542	P	19870729	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 87905501	A	19870729
EP 319542	P	19890614	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
		AT BE CH DE FR GB IT LI LU NL SE		
EP 319542	P	19890614	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 319542	P	19890614	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		890203		
EP 319542	P	19901128	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
		AT BE CH DE FR GB IT LI LU NL SE		
EP 319542	P	19901128	EP A4	SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT)
EP 319542	P	19920401	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
		920213		
EP 319542	P	19931208	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)
		AT BE CH DE FR GB IT LI LU NL SE		
EP 319542	P	19931208	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 319542	P	19931208	EP REF	IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:)
		AT 98379	R	19931215
EP 319542	P	19940105	EP ITF	IT: TRANSLATION FOR AN EP PATENT FILED (IT: DEPOSITO TRADUZIONE DI BREVETTO EUROPEO)
		BARZANO' E ZANARDO MILANO S.P.A.		
EP 319542	P	19940120	EP REF	CORRESPONDS TO: (ENTSPRICHT)
		DE 3788424	P	19940120
EP 319542	P	19940415	EP ET	FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 319542	P	19940729	EP EPTA	LU: LAST PAID ANNUAL FEE (LU: DERNIER PAYEMENT D'UNE TAXE ANNUELE)
EP 319542	P	19941130	EP 26N	NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)
EP 319542	P	19950131	EP EAL	SE: EUROPEAN PATENT IN FORCE IN SWEDEN (SE: EUROPEISKT PATENT GAELLANDE I SVERIGE)
		87905501.0		
EP 319542	P	20020101	GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 321489	P	19860812	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		US 895857	A	19860812
EP 321489	P	19870729	EP AA	PCT-APPLICATION (PCT-ANMELDUNG)
		WO 87US1817	W	19870729
EP 321489	P	19870729	EP AE	EP-APPLICATION (EUROPAEISCHE

ANMELDUNG)  
 EP 87905817 A 19870729  
 EP 321489 P 19890628 EP AK DESIGNATED CONTRACTING STATES  
 IN AN APPLICATION WITH SEARCH REPORT (IN EINER  
 ANMELDUNG BENANNTE VERTRAGSSTAATEN)  
 AT BE CH DE FR GB IT LI LU NL SE  
 EP 321489 P 19890628 EP A1 PUBLICATION OF APPLICATION WITH  
 SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG  
 MIT RECHERCHENBERICHT)  
 EP 321489 P 19890628 EP 17P REQUEST FOR EXAMINATION FILED  
 (PRUEFUNGSANTRAG GESTELLT)  
 890206  
 EP 321489 P 19910313 EP AK DESIGNATED CONTRACTING STATES  
 MENTIONED IN A SUPPLEMENTARY SEARCH REPORT (IN  
 EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE  
 VERTRAGSSTAATEN)  
 AT BE CH DE FR GB IT LI LU NL SE  
 EP 321489 P 19910313 EP A4 SUPPLEMENTARY SEARCH REPORT  
 (ERGAENZENDER RECHERCHENBERICHT)  
 910122  
 EP 321489 P 19911127 EP 17Q FIRST EXAMINATION REPORT  
 (ERSTER PRUEFUNGSBESCHEID)  
 911014  
 EP 321489 P 19930308 EP ITF IT: TRANSLATION FOR A EP PATENT  
 FILED (IT: DEPOSITO TRADUZIONE DI BREVETTO  
 EUROPEO)  
 BARZANO' E ZANARDO MILANO S.P.A.  
 EP 321489 P 19930317 EP AK DESIGNATED CONTRACTING STATES  
 MENTIONED IN A PATENT SPECIFICATION (IN EINER  
 PATENTSCHEFT ANGEFUEHRTE BENANNTE  
 VERTRAGSSTAATEN)  
 AT BE CH DE FR GB IT LI LU NL SE  
 EP 321489 P 19930317 EP B1 PATENT SPECIFICATION  
 (PATENTSCHEFT)  
 EP 321489 P 19930317 EP REF IN AUSTRIA REGISTERED AS: (IN  
 AT EINGETRAGEN ALS:)  
 AT 87038 R 19930415  
 EP 321489 P 19930422 EP REF CORRESPONDS TO: (ENTSPRICHT)  
 DE 3784939 P 19930422  
 EP 321489 P 19930604 EP ET FR: TRANSLATION FILED (FR:  
 TRADUCTION A ETE REMISE)  
 EP 321489 P 19940309 EP 26N NO OPPOSITION FILED (KEIN  
 EINSPRUCH EINGELEGT)  
 EP 321489 P 19940729 EP EPTA LU: LAST PAID ANNUAL FEE (LU:  
 DERNIER PAYEMENT D'UNE TAXE ANNUELE)  
 EP 321489 P 19950131 EP EAL SE: EUROPEAN PATENT IN FORCE IN  
 SWEDEN (SE: EUROPEISKT PATENT GAELLANDE I  
 SVERIGE)  
 87905817.0  
 EP 321489 P 20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS OF  
 2002-01-01

## ISRAEL (IL)

Patent (No,Kind,Date): IL 83421 A0 19880131  
 METHOD OF ISOLATING AND PURIFYING HUMAN B LYMPHOTROPIC VIRUS (English)  
 Patent Assignee: US COMMERCE  
 Priority (No,Kind,Date): US 892423 A 19860804; US 901602 A 19860829  
 Applic (No,Kind,Date): IL 83421 A 19870803  
 IPC: \* C12N  
 Derwent WPI Acc No: \* C 88-049984  
 Language of Document: English  
 Patent (No,Kind,Date): IL 83422 A0 19880131  
 HUMAN B LYMPHOTROPIC VIRUS AND METHOD FOR THE DETECTION OF ANTIBODIES  
 THERETO (English)  
 Patent Assignee: US COMMERCE  
 Priority (No,Kind,Date): US 895463 A 19860811

Applic (No,Kind,Date): IL 83422 A 19870803  
 IPC: \* C12N  
 Derwent WPI Acc No: \* C 88-064087  
 Language of Document: English  
 Patent (No,Kind,Date): IL 83423 A0 19880131  
 HUMAN B LYMPHOTROPIC VIRUS CLONES AND METHOD FOR TESTING THEREOF (English)  
 Patent Assignee: US COMMERCE  
 Priority (No,Kind,Date): US 895857 A 19860812  
 Applic (No,Kind,Date): IL 83423 A 19870803  
 IPC: \* C12N  
 Derwent WPI Acc No: \* C 88-064020  
 Language of Document: English  
 Patent (No,Kind,Date): IL 83421 A1 19920115  
 METHOD OF ISOLATING AND PURIFYING HUMAN B LYMPHOTROPIC VIRUS (English)  
 Patent Assignee: US COMMERCE (US)  
 Priority (No,Kind,Date): US 892423 A 19860804; US 901602 A 19860829  
 Applic (No,Kind,Date): IL 83421 A 19870803  
 IPC: \* C12N-007/02; C12Q-001/70  
 CA Abstract No: \* 109(07)051633K  
 Derwent WPI Acc No: \* C 88-049984  
 Language of Document: English  
 Patent (No,Kind,Date): IL 83422 A1 19920715  
 METHOD FOR THE DETECTION OF HUMAN B LYMPHOTROPIC VIRUS ANTIBODIES  
 (English)  
 Patent Assignee: ISRAEL ATOMIC ENERGY COMM (US)  
 Priority (No,Kind,Date): US 895463 A 19860811  
 Applic (No,Kind,Date): IL 83422 A 19870803  
 IPC: \* G01N-033/53  
 CA Abstract No: \* 110(01)006085T  
 Derwent WPI Acc No: \* C 88-064087  
 Language of Document: English

## ISRAEL (IL)

Legal Status (No,Type,Date,Code,Text):

IL 83421	P	19980208	IL KB	PATENTS RENEWED
IL 83421	P	20011031	IL KB	PATENTS RENEWED
IL 83422	P	19980208	IL KB	PATENTS RENEWED
IL 83422	P	20011031	IL KB	PATENTS RENEWED

## JAPAN (JP)

Patent (No,Kind,Date): JP 2555117 B2 19961120  
 Patent Assignee: US COMMERCE (US)  
 Priority (No,Kind,Date): US 895463 A 19860811  
 Applic (No,Kind,Date): JP 87505064 A 19870729  
 IPC: \* G01N-033/569; C12Q-001/70; G01N-033/577; C12N-007/00; C12N-015/09  
 CA Abstract No: \* 110(01)006085T  
 Derwent WPI Acc No: \* C 88-064087; C 97-144859  
 Language of Document: Japanese  
 Patent (No,Kind,Date): JP 2555118 B2 19961120  
 Patent Assignee: US COMMERCE (US)  
 Priority (No,Kind,Date): US 895857 A 19860812  
 Applic (No,Kind,Date): JP 87505431 A 19870729  
 IPC: \* C12N-015/09; C12Q-001/68; C12N-007/00; C12R-001-92  
 CA Abstract No: \* 109(07)049606K  
 Derwent WPI Acc No: \* C 88-064020; C 97-144859  
 Language of Document: Japanese  
 Patent (No,Kind,Date): JP 2559783 B2 19961204  
 Patent Assignee: US HEALTH (US)  
 Priority (No,Kind,Date): US 892423 A 19860804; US 901602 A 19860829  
 Applic (No,Kind,Date): JP 87504948 A 19870729  
 IPC: \* C12N-007/00; C12N-015/09; C12Q-001/68; C12Q-001/70; G01N-033/569  
 CA Abstract No: \* 109(07)051633K  
 Derwent WPI Acc No: \* C 88-049984; C 97-144859  
 Language of Document: Japanese  
 Patent (No,Kind,Date): JP 2500242 T2 19900201  
 Priority (No,Kind,Date): WO 87US1816 W 19870729; US 895463 A 19860811

Applic (No,Kind,Date): JP 87505064 A 19870729  
IPC: \* C12N-007/00; C12N-015/48; G01N-033/569; G01N-033/577  
CA Abstract No: \* 110(01)006085T  
Derwent WPI Acc No: \* C 88-064087  
Language of Document: Japanese  
Patent (No,Kind,Date): JP 2500324 T2 19900208  
Priority (No,Kind,Date): WO 87US1815 W 19870729; US 892423 A 19860804; US 901602 A 19860829  
Applic (No,Kind,Date): JP 87504948 A 19870729  
IPC: \* C12N-007/00; C12Q-001/68; C12Q-001/70; G01N-033/569; A61K-039/395  
CA Abstract No: \* 109(07)051633K  
Derwent WPI Acc No: \* C 88-049984  
Language of Document: Japanese  
Patent (No,Kind,Date): JP 2500326 T2 19900208  
Priority (No,Kind,Date): WO 87US1817 W 19870729; US 895857 A 19860812  
Applic (No,Kind,Date): JP 87505431 A 19870729  
IPC: \* C12N-007/00; C12N-007/01; C12Q-001/68; C12Q-001/70; A61K-039/395  
CA Abstract No: \* 109(07)049606K  
Derwent WPI Acc No: \* C 88-064020  
Language of Document: Japanese  
UNITED STATES OF AMERICA (US)  
Patent (No,Kind,Date): US 5604093 A 19970218  
HUMAN HERPESVIRUS-6(HHV-6) ISOLATION AND PRODUCTS (English)  
Patent Assignee: US HEALTH (US)  
Author (Inventor): SALAHUDDIN SYED Z (US); ABLASHI DHARAM V (US); JOSEPHS STEVEN F (US); SAXINGER CARL W (US); WONG-STAAI FLOSSIE (US); GALLO ROBERT C (US)  
Priority (No,Kind,Date): US 392674 A 19950222; US 754220 B1 19910827; US 255712 B1 19881011; US 228550 B2 19880804; US 901602 B2 19860829; US 892423 B2 19860804; US 895857 B2 19860812; US 895463 B2 19860811  
Applic (No,Kind,Date): US 392674 A 19950222  
National Class: \* 435005000; 435006000; 435091200; 536023100; 536024300; 536024310  
IPC: \* C12Q-001/70; C12Q-001/68; C12P-019/34; C07H-021/04  
CA Abstract No: \* 109(07)049606K; 109(07)051633K; 110(01)006085T  
Derwent WPI Acc No: \* C 88-049984; C 88-064020; C 88-064087; C 97-144859; C 97-144859  
Language of Document: English  
Patent (No,Kind,Date): US 6018027 A 20000125  
HUMAN HERPESVIRUS-6 (HHV-6) ISOLATION AND PRODUCTS (English)  
Patent Assignee: US HEALTH (US)  
Author (Inventor): SALAHUDDIN SYED ZAKI (US); ABLASHI DHARAM V (US); JOSEPHS STEVEN F (US); SAXINGER CARL W (US); WONG-STAAI FLOSSIE (US); GALLO ROBERT C (US)  
Priority (No,Kind,Date): US 854 A 19971230; US 774118 A3 19961223; US 392674 A3 19950222; US 754220 B1 19910827; US 255712 B1 19881011; US 228550 B2 19880804; US 901602 B2 19860829; US 892423 B2 19860804; US 895857 B2 19860812; US 895463 B2 19860811  
Applic (No,Kind,Date): US 854 A 19971230  
Addnl Info: 5604093 Patented  
National Class: \* 530350000; 435005000  
IPC: \* C07K-014/03  
CA Abstract No: \* 109(07)049606K; 109(07)051633K; 110(01)006085T  
Derwent WPI Acc No: \* C 88-049984; C 88-064020; C 88-064087; C 97-144859  
Language of Document: English  
Patent (No,Kind,Date): US 6054283 A 20000425  
ANTIBODIES AGAINST HUMAN HERPESVIRUS-6(HHV-6) AND METHOD OF USE (English)  
Patent Assignee: US HEALTH (US)  
Author (Inventor): SALAHUDDIN SYED ZAKI (US); ABLASHI DHARAM V (US); JOSEPHS STEVEN F (US); SAXINGER CARL W (US); WONG-STAAI FLOSSIE (US); GALLO ROBERT C (US)  
Priority (No,Kind,Date): US 774118 A 19961223; US 392674 A3 19950222

; US 754220 B1 19910827; US 255712 B1 19881011; US 228550 B2  
 19880804; US 901602 B2 19860829; US 892423 B2 19860804; US 895857  
 B2 19860812; US 895463 B2 19860811

Applic (No,Kind,Date): US 774118 A 19961223

Addnl Info: 5604093 Patented

National Class: \* 435007200; 435005000; 435007100; 530387100; 530388300

IPC: \* G01N-033/569; C07K-016/08

CA Abstract No: \* 109(07)049606K; 109(07)051633K; 110(01)006085T

Derwent WPI Acc No: \* C 88-049984; C 88-064020; C 88-064087; C  
 97-144859

Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5604093	P	19860804	US AA	PRIORITY
		US 892423	B2	19860804
US 5604093	P	19860811	US AA	PRIORITY
		US 895463	B2	19860811
US 5604093	P	19860812	US AA	PRIORITY
		US 895857	B2	19860812
US 5604093	P	19860829	US AA	PRIORITY
		US 901602	B2	19860829
US 5604093	P	19880804	US AA	PRIORITY
		US 228550	B2	19880804
US 5604093	P	19881011	US AA	PRIORITY
		US 255712	B1	19881011
US 5604093	P	19910827	US AA	PRIORITY
		US 754220	B1	19910827
US 5604093	P	19950222	US AE	APPLICATION DATA (PATENT)
		(APPL. DATA (PATENT))		
		US 392674	A	19950222
US 5604093	P	19970218	US A	PATENT
US 6018027	P	19860804	US AA	PRIORITY
		US 892423	B2	19860804
US 6018027	P	19860811	US AA	PRIORITY
		US 895463	B2	19860811
US 6018027	P	19860812	US AA	PRIORITY
		US 895857	B2	19860812
US 6018027	P	19860829	US AA	PRIORITY
		US 901602	B2	19860829
US 6018027	P	19880804	US AA	PRIORITY
		US 228550	B2	19880804
US 6018027	P	19881011	US AA	PRIORITY
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		US 754220	B1	19910827
US 6018027	P	19950222	US AA	PRIORITY
		US 392674	A3	19950222
US 6018027	P	19961223	US AA	PRIORITY
		US 774118	A3	19961223
US 6018027	P	19971230	US AE	APPLICATION DATA (PATENT)
		(APPL. DATA (PATENT))		
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US 6054283	P	19860804	US AA	PRIORITY
		US 892423	B2	19860804
US 6054283	P	19860811	US AA	PRIORITY
		US 895463	B2	19860811
US 6054283	P	19860812	US AA	PRIORITY
		US 895857	B2	19860812
US 6054283	P	19860829	US AA	PRIORITY
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US 6054283	P	19880804	US AA	PRIORITY
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 (APPL. DATA (PATENT))  
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 WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)  
 Patent (No,Kind,Date): WO 8800980 A1 19880211  
 HUMAN B LYMPHOTROPIC VIRUS (HBLV) ISOLATION AND PRODUCTS (English)  
 Patent Assignee: US ARMY (US)  
 Author (Inventor): SALAHUDDIN SYED ZAKI (US); GALLO ROBERT C (US)  
 Priority (No,Kind,Date): US 892423 A 19860804; US 901602 A 19860829  
 Applic (No,Kind,Date): WO 87US1815 A 19870729  
 Designated States: (National) AU; JP (Regional) AT; BE; CH; DE; FR; GB;  
 IT; LU; NL; SE  
 Filing Details: WO 10000 With international search report  
 IPC: \* C12Q-001/70; C12N-007/02  
 CA Abstract No: ; 109(07)051633K  
 Derwent WPI Acc No: ; C 88-049984  
 Language of Document: English  
 Patent (No,Kind,Date): WO 8801305 A1 19880225  
 MOLECULAR CLONING AND CLONES OF HUMAN B LYMPHOTROPIC VIRUS (HBLV)  
 (English)  
 Patent Assignee: US ARMY (US)  
 Author (Inventor): JOSEPHS STEVEN FRANCIS (US); GALLO ROBERT C (US);  
 WONG-STAAI FLOSSIE YEECHING (US); SALAHUDDIN SYED ZAKI (US)  
 Priority (No,Kind,Date): US 895857 A 19860812  
 Applic (No,Kind,Date): WO 87US1817 A 19870729  
 Designated States: (National) AU; JP (Regional) AT; BE; CH; DE; FR; GB;  
 IT; LU; NL; SE  
 Filing Details: WO 10000 With international search report  
 IPC: \* C12Q-001/70; C12Q-001/68; C12N-007/00  
 CA Abstract No: ; 109(07)049606K  
 Derwent WPI Acc No: ; C 88-064020  
 Language of Document: English  
 Patent (No,Kind,Date): WO 8801387 A1 19880225  
 TESTING FOR THE HUMAN B LYMPHOTROPIC VIRUS (HBLV) (English)  
 Patent Assignee: US ARMY (US)  
 Author (Inventor): GALLO ROBERT C (US); SALAHUDDIN SYED ZAKI (US);  
 SAXINGER CARL W (US); ABLASHI DHARAM V (US)  
 Priority (No,Kind,Date): US 895463 A 19860811  
 Applic (No,Kind,Date): WO 87US1816 A 19870729  
 Designated States: (National) AU; JP (Regional) AT; BE; CH; DE; FR; GB;  
 IT; LU; NL; SE  
 Filing Details: WO 10000 With international search report  
 IPC: \* G01N-033/569; C12Q-001/70  
 CA Abstract No: ; 110(01)006085T  
 Derwent WPI Acc No: ; C 88-064087  
 Language of Document: English  
 WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)  
 Legal Status (No,Type,Date,Code,Text):  
 WO 8800980 P 19860804 WO AA PRIORITY (PATENT)  
 US 892423 A 19860804  
 WO 8800980 P 19860829 WO AA PRIORITY (PATENT)  
 US 901602 A 19860829  
 WO 8800980 P 19870729 WO AE APPLICATION DATA (APPL. DATA)  
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 WO 8800980 P 19880211 WO AK DESIGNATED STATES CITED IN A  
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 (DESIGNATED STATES CITED IN A PUBLISHED APPL.  
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 REGIONAL PATENTS CITED IN A PUBLISHED

			APPLICATION WITH SEARCH REPORT (DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPL. WITH SEARCH REPORT)
WO 8800980	P	19880211 WO A1	PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT (PUB. OF THE INTERNATIONAL APPL. WITH THE INTERNATIONAL SEARCH REPORT)
WO 8801305	P	19860812 WO AA	PRIORITY (PATENT)
		US 895857 A	19860812
WO 8801305	P	19870729 WO AE	APPLICATION DATA (APPL. DATA)
		WO 87US1817 A	19870729
WO 8801305	P	19880225 WO AK	DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED STATES CITED IN A PUBLISHED APPL. WITH SEARCH REPORT)
WO 8801305	P	19880225 WO AL	DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPL. WITH SEARCH REPORT)
WO 8801305	P	19880225 WO A1	PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT (PUB. OF THE INTERNATIONAL APPL. WITH THE INTERNATIONAL SEARCH REPORT)
WO 8801387	P	19860811 WO AA	PRIORITY (PATENT)
		US 895463 A	19860811
WO 8801387	P	19870729 WO AE	APPLICATION DATA (APPL. DATA)
		WO 87US1816 A	19870729
WO 8801387	P	19880225 WO AK	DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED STATES CITED IN A PUBLISHED APPL. WITH SEARCH REPORT)
WO 8801387	P	19880225 WO AL	DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPL. WITH SEARCH REPORT)
WO 8801387	P	19880225 WO A1	PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT (PUB. OF THE INTERNATIONAL APPL. WITH THE INTERNATIONAL SEARCH REPORT)

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Research Information:

U.S. Utility, Design and Plant Patents  
patno=6054283 or patno=6,054,283

774118 () 6054283 April 25, 2000

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6054283

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April 25, 2000

Antibodies against human herpesvirus-6 (HHV-6) and method of  
use

REISSUE: March 1, 2002 - Reissue Application filed Ex. Gp.: 1645; Re. S.N.  
10/087,882 August 27, 2002

APPL-NO: 774118 ()

FILED-DATE: December 23, 1996

GRANTED-DATE: April 25, 2000

CORE TERMS: cell, virus, infected, antibody, protein, patient, viral, blood,  
sera, clone ...

ENGLISH-ABST:

A new human B lymphotropic virus, also designated human herpesvirus-6, has  
been isolated. DNA, molecular

clones, antigenic viral proteins and antibodies having specificity to the new virus have been prepared. Various utilities of the new virus and products derived therefrom have been described.

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April 25, 2000

Antibodies against human herpesvirus-6 (HHV-6) and method of use

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